



Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.2 ES Figure 12-16:
Barrier Viewshed—
Combined Full Scheme

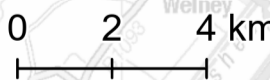
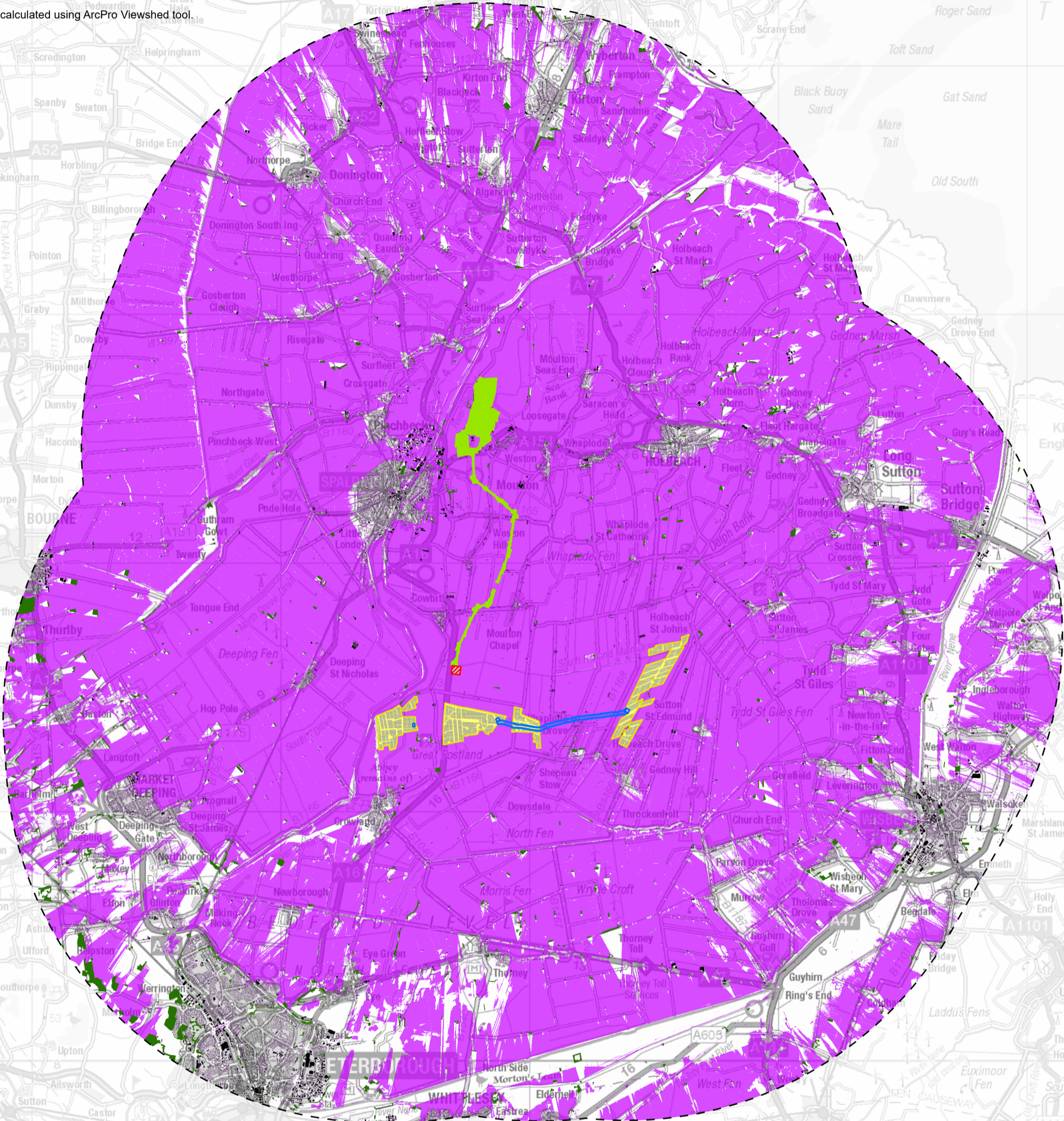
APFP Regulation 5(2)(a)

Infrastructure Planning (Applications:
Prescribed Forms and Procedure)
Regulations 2009

March 2026

NOTES:

- The Zone of Theoretical Visibility (ZTV) is based upon the following points:
 - Along the external boundary to the Solar PV Modules Area, with an anticipated panel height of 4.3m and an observer height of 1.6m. It does not reflect all theoretical visibility arising from panels located within the external solar panel boundary.
 - Along the external boundary to the BESS and Substations, with an anticipated height of 16m and an observer height of 1.6m.
 - Along the external boundary to the Inter Array (Overground), with an anticipated height of 15m and an observer height of 1.6m.
 - Along the external boundary of the works areas where the Grid Connection Overhead Line may be located, with an anticipated height of 66m and an observer height of 1.6m.
- The ZTV has been generated using Environment Agency Digital Terrain Model (DTM) with a 2m resolution. To provide evidence of theoretical screening, two additional databases have been included: OS Open Data with assumed height for buildings of 8m; and the Forestry Commission National Forestry Inventory (2025) and Ancient Woodland, with an assumed height of 12m.
- The ZTV has been produced in order to inform 'on the ground' visual assessment and does not include effects of screening derived from hedgerows or trees not included within the woodland database noted above.
- ZTV calculated using ArcPro Viewshed tool.



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Project Title Meridian Solar Farm			
Map Title Environmental Statement Figure 12-16: Barrier Earth Viewshed - Combined for Full Scheme			
Scale 1:160,000	Version 0	Drawn LL	Reviewed DH

Solar PV Modules	Combined Buffers
Solar PV Area Outline	Woodland
400kV Substation and BESS Compound	Building
132kV Substation	Barrier Viewshed for the Combined Full Scheme
Inter-Array Connections Overhead Line (OHL)	Visible
Grid Connection Route	Not Visible

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